JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 221 (1987)

AUTHOR INDEX

Aegerter, C. 33
Arvia, A.J. 229, 239

Barendrecht, E. 95
Barradas, R.G. 197
Benedetti, A.V. 165
Boujlel, K. 275
Bowden, E.F. 265
Bravo, B.G. 281
Brisard, G.M. 129
Bulhões, L.O.S. 165

Cardon, F. 187
Carlier, R. 275
Chialvo, A.C. 229
Conway, B.E. 1
Crouch, A.M. 83
Custidiano, E. 229

Dalard, F. 105
Djellab, H. 105
Dong, S. 143

Elzing, A. 95
Engstrom, R.C. 251

Fletcher, A.N. 115

Gomes, W.P. 187
Goyal, R.N. 155

Handschuh, M. 23, 33
Harrington, D.A. 1

Ipohorski, M. 229

Kitani, A. 69
Kokkinidis, G. 175
Koppang, M.D. 251
Kunai, A. 69

Langford, C.H. 83
Lasia, A. 129
Lin, M.S. 257
Lorenz, W. 33

Machado, S.S. 165
Malik, W.U. 155
Mebrahtu, T. 281
Miles, M.H. 115

Nadezhdin, D.S. 197
Nishihara, C. 245
Novák, M. 61

Papanastasiou, G. 175
Pharr, C.M. 251
Piovano, S. 229

Rabockai, T. 165
Rajeshwari, Miss 155
Rodriguez, J.F. 281

Sasaki, K. 69
Shindo, H. 245
Simonet, J. 275
Song, S. 143
Soriaga, M.P. 281
Swathirajan, S. 211

Triaca, W.E. 239

Van der Putten, A. 95
Vanmaekelbergh, D. 187
Visintin, A. 239
Visscher, W. 95
Visy, C. 61

Wang, J. 257
Willit, J.L. 265

Yano, J. 69
Yun, L.S. 187

Zara, A.J. 165

JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 221 (1987)

SUBJECT INDEX

Adsorbed intermediates,
kinetic theory of the open-circuit potential decay method for evaluation of behaviour of ———. Analysis for the case of the H_2 evolution reaction (Harrington, Conway) 1

para-Aminodiphenylamine,
conducting polymer derived from ——— (Kitani et al.) 69

Axial pi acid ligands,
electrochemical and photoelectrochemical consequences of "doping" zinc tetraphenylporphyrin with ——— (Crouch, Langford) 83

Cadmium,
reduction mechanism of ———(II) at mercury in dimethylsulfoxide containing tetraethylammonium perchlorate (Brisard, Lasia) 129

Charge transfer,
electronic non-equilibrium ——— mechanisms in alternating photocurrents on semiconductor electrodes (Lorenz et al.) 33

Chemiluminescence,
visualization of the edge effect with electrogenerated ——— (Engstrom et al.) 251

Chlorine,
application of the convolution potential sweep voltammetric method to the ——— evolution reaction in nitromethane (Visy, Novák) 61

Conducting polymer,
——— derived from *para*-aminodiphenylamine (Kitani et al.) 69

Convolution potential sweep voltammetry,
application of ——— to the chlorine evolution reaction in nitromethane (Visy, Novák) 61

Cytochrome *c*,
determination of ——— by adsorptive stripping voltammetry (Wang, Lin) 257
Determination of unimolecular electron transfer rate constants for strongly adsorbed ——— on tin oxide electrodes (Willit, Bowden) 265

Dysprosium,
thin-layer spectroelectrochemical investigations on the electrode mechanism of murexide complex with ——— (Dong, Song) 143

Edge effect,
visualization of the ——— with electrogenerated chemiluminescence (Engstrom et al.) 251

Electronic non-equilibrium,
——— charge transfer mechanisms in alternating photocurrents on semiconductor electrodes (Lorenz et al.) 33
Space charge capacity on semiconductor electrodes at ——— (Hundschuh) 23

Ferrocene,
the electrochemistry of ——— in non-aqueous solvents (Zara et al.) 165

Ferrocyanide,
comparison of anodic charge-transfer kinetics between dark p-type and illuminated n-type GaP/——— interfaces (Vanmaekelbergh et al.) 187

Gallium phosphide,
comparison of anodic charge-transfer kinetics between dark p-type and illuminated n-type ———/$Fe(CN)_6^{4-}$ interfaces (Vanmaekelbergh et al.) 187

Gold,
two distinct surface conditions of a ——— electrode from the viewpoint of the reduction of nitrobenzene in aqueous alkaline solution (Nishihara, Shindo) 245

Hydrogen evolution reaction,
kinetic theory of the open-circuit potential decay method for evaluation of behaviour of adsorbed intermediates. Analysis for the case of the ——— (Harrington, Conway) 1

Iodine,
electroactivity of strongly-adsorbed redox centres: reduction of ——— chemisorbed on platinum in aprotic solvent (Bravo et al.) 281

Lead,
effects of adding Tl(I) to the electrolyte on the electrochemical and photoelectrochemical behaviour of passivated ——— in H_2SO_4 in the potential range between the $PbSO_4/PbO$ and PbO_2/O_2 regions (Barradas, Nadezhdin) 197

Metal ions,
cyclic voltammetric studies of nitrato complexes of various ——— in molten $LiNO_3 + KNO_3$ at 180 °C (Miles, Fletcher) 115

Methanol,
some specific features of the catalytic role of upd foreign metal adatoms and water on the anodic oxidation of absolute ——— on Pt (Kokkinidis, Papanastasiou) 175

Molten $LiNO_3 + KNO_3$,
cyclic voltammetric studies of nitrato complexes of various metal ions in ——— at 180 °C (Miles, Fletcher) 115

Murexide complex,
thin-layer spectroelectrochemical investigations on the electrode mechanism of ——— with dysprosium (Dong, Song) 143

Nickel,
electrodeposition of zinc + ——— alloy phases and electrochemical stripping studies of the anomalous codeposition of zinc (Swathirajan) 211

Nitrato complexes,
cyclic voltammetric studies of ——— of various metal ions in molten $LiNO_3 + KNO_3$ at 180 °C (Miles, Fletcher) 115

Nitrobenzene,
two distinct surface conditions of a gold electrode from the viewpoint of the reduction of ——— in aqueous alkaline solution (Nishihara, Shindo) 245

Open-circuit potential decay method,
kinetic theory of the ——— for evaluation of behaviour of adsorbed intermediates. Analysis for the case of the H_2 evolution reaction (Harrington, Conway) 1

Oxygen,
redox potential and electrocatalysis of ——— reduction on transition metal chelates (Van der Putten et al.) 95

Phthalocyanine,
reduction and reoxidation of metal-free ___ electrodes in non-aqueous media. Electrochemical behavior and spectroscopic analysis (Djellab, Dalard) 105

Platinum,
electroactivity of strongly-adsorbed redox centres: reduction of iodine chemisorbed on ——— in aprotic solvent (Bravo et al.) 281
Electrochemical procedure for the development of large active surface area ——— electrodes with preferred crystallographic orientations (Visintin et al.) 239
Some specific features of the catalytic role of upd foreign metal adatoms and water on the anodic oxidation of absolute methanol on ——— (Kokkinidis, Papanastasiou) 175

Polyenes,
indirect reduction of ———. Redox catalysis involving dienes and trienes in weakly protonating media (Carlier et al.) 275

Rhodium,
electrochemical faceting and preferred crystallographic orientation of ——— electrodes (Custidiano et al.) 229

Semiconductor electrodes,
electronic non-equilibrium charge transfer mechanisms in alternating photocurrents on ——— (Lorenz et al.) 33
Space charge capacity on ——— at electronic non-equilibrium (Handschuh) 23

Space charge capacity,
——— on semiconductor electrodes at electronic non-equilibrium (Handschuh) 23

Thallium,
effects of adding ———(I) to the electrolyte on the electrochemical and photoelectrochemical behaviour of passivated lead in H_2SO_4 in the potential range between the

$PbSO_4/PbO$ and PbO_2/O_2 regions (Barradas, Nadezhdin) 197
6-Thiouric acid,
electrochemical oxidation of ——— (Malik et al.) 155
Tin oxide,
determination of unimolecular electron transfer rate constants for strongly adsorbed cytochrome *c* on ——— electrodes (Willit, Bowden) 265
Transition metal chelates,
redox potential and electrocatalysis of O_2 reduction on ——— (Van der Putten et al.) 95
Upd foreign metal adatoms,
some specific features of the catalytic role of ——— and water on the anodic oxidation of absolute methanol on Pt (Kokkinidis, Papanastasiou) 175

Zinc,
electrodeposition of ——— + nickel alloy phases and electrochemical stripping studies of the anomalous codeposition of zinc (Swathirajan) 211
Zinc tetraphenylporphyrin,
electrochemical and photoelectrochemical consequences of "doping" ——— with axial pi acid ligands (Crouch, Langford) 83